PROGRESSION FLOWCHART: Bachelor of Science in Mathematical Sciences - Applied Sciences

FRESHMAN
- COM 1103 College Composition
- LLT 1213 World Masterpieces 1
- SSC 2413 Foundations of American Exper
- MCS 1142 Intro to C
- MCS 1414 Calculus 1
- Nat Sci __ __ 3 Natural Science
- Nat Sci __ __ 1 Natural Science Lab

SOPHOMORE
- COM 1001 Pathways to Research Careers
- LLT 1223 World Masterpieces 2
- SSC 2423 Development of American Exper
- MCS 1514 Computer Science 1
- MCS 1424 Calculus 2
- MCS 2124 Statistics
- PHY 2413 University Physics 1
- PHY 2421 University Physics 1 Lab

JUNIOR
- MCS 1111 Coding Club
- COM 2103 Tech & Prof Communication
- COM 2403 Writing Proficiency Exam
- MCS 2523 Discrete Math
- MCS 2414 Calculus 3
- MCS 2413 Linear Algebra
- MCS 2423 Differential Equations
- PHY 2431 University Physics 2 Lab
- PHY 2431 University Physics 2

SENIOR
- MCS 3111 Mathematics Research Topics
- COM 3000 Writing Proficiency Exam
- COM 3103 Jr./Sr. Elective
- MCS 3723 Advanced Calculus
- MCS 3523 Math Modelling
- MCS 3733 Partial Differential Eq.
- MCS 3403 Probability & Statistics
- MCS 3723 Partial Differential Eq.
- MCS 4843 Senior Project 2
- MCS 4813 Numerical Analysis 1
- MCS 4993 Topics in MCS
- MCS 4993 Topics in MCS
- MCS 4993 Topics in MCS
- MCS 4111 Mathematics Journal Club

KEY:
- Prerequisite
- Corequisite
- Must be approved by advisor

Name: ___________________________ I.D. No. ____________
NOTES
See your advisor to schedule the upper level mathematics classes and for a list of approved electives.

Modified: March 2019

122 Total Credits